

** Interference **

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	cascade with gain with elements with array with wavelength with ((photo adj detector) photodetector photo-detector).clm.	US-PGPUB; USPAT	OR	ON	2007/02/27 13:26

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5672	(photodetector (photo adj detector)) near2 array	US-PGPUB; USPAT	OR	ON	2005/05/10 11:26
S2	17	S1 with proximate	US-PGPUB; USPAT	OR	ON	2005/05/09 16:38
S3	612	S1 same level	US-PGPUB; USPAT	OR	ON	2005/05/09 16:38
S4	38	S3 same filter	US-PGPUB; USPAT	OR	ON	2005/05/09 17:16
S5	9	((("20040119477") or ("6,501,400") or ("20020030544") or ("6,246,345") or ("6,114,910") or ("5,854,574") or ("5,216,384") or ("5,286,990") or ("6,278,142"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 19:54
S6	534	S1 same layer\$5	US-PGPUB; USPAT	OR	ON	2005/05/09 17:45
S7	52	S6 and (CCD and CMOS)	US-PGPUB; USPAT	OR	ON	2005/05/09 17:50
S8	1	S7 and (spectral adj filter) and (neutral adj density)	US-PGPUB; USPAT	OR	ON	2005/05/16 10:52
S9	93	S1 same stack\$5	US-PGPUB; USPAT	OR	ON	2005/05/09 17:49
S10	10	S9 and (CCD and CMOS)	US-PGPUB; USPAT	OR	ON	2005/05/09 18:24
S11	1	("4,945,242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/09 18:24
S12	8	(US-20040056180-\$ or US-20020070365-\$ or US-20020003201-\$).did. or (US-6395576-\$ or US-6300612-\$ or US-5864146-\$ or US-4945242-\$ or US-5561287-\$).did.	US-PGPUB; USPAT	OR	ON	2005/05/09 19:07
S13	6	S12 and red and blue and green	US-PGPUB; USPAT	OR	ON	2005/05/09 19:46
S14	6	S13 and array	US-PGPUB; USPAT	OR	ON	2005/05/09 19:53
S15	1	("5,725,975").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/09 19:53
S16	140	(250/227.17).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/10 11:27
S17	0	350/227.17.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/10 11:27

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S18	140	250/227.17.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/10 11:28
S19	17	("4175981" "4175982" "4514755" "4560866" "5331183" "5424560" "5454880" "5504323" "5523555" "5698048").PN. OR ("6300612").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/10 11:37
S20	15	("5143855" "5358810" "5677202" "5725975" "5770349" "5877040" "6033813" "6171883" "6171885").PN. OR ("6395576"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/10 12:39
S21	9	(US-20020003201-\$ or US-20020070365-\$ or US-20040056180-\$).did. or (US-4945242-\$ or US-5561287-\$ or US-5725975-\$ or US-5864146-\$ or US-6300612-\$ or US-6395576-\$). did.	US-PGPUB; USPAT	OR	ON	2005/05/14 17:43
S22	7	S21 and red and green and blue	US-PGPUB; USPAT	OR	ON	2005/05/14 15:35
S23	1	S21 and (neutral adj density)	US-PGPUB; USPAT	OR	ON	2005/05/14 15:41
S24	15	("5143855" "5358810" "5677202" "5725975" "5770349" "5877040" "6033813" "6171883" "6171885").PN. OR ("6395576"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/14 15:41
S25	0	S24 and (neutral adj density)	US-PGPUB; USPAT	OR	ON	2005/05/14 16:00
S26	0	S24 and (gray adj filter)	US-PGPUB; USPAT	OR	ON	2005/05/14 16:01
S27	5697	(photodetector (photo adj detector)) near2 array	US-PGPUB; USPAT	OR	ON	2005/05/14 16:00
S28	537	S27 same layer\$5	US-PGPUB; USPAT	OR	ON	2005/05/14 16:00
S29	537	S27 and S28	US-PGPUB; USPAT	OR	ON	2005/05/14 16:01
S30	1	S28 and ((gray adj filter) (neutral adj density))	US-PGPUB; USPAT	OR	ON	2005/05/14 16:02
S31	256	(gray adj filter)	US-PGPUB; USPAT	OR	ON	2005/05/14 16:01
S32	38	((gray adj filter) and (neutral adj density))	US-PGPUB; USPAT	OR	ON	2005/05/14 16:02
S33	22	S32 and (stack\$5 layer\$5 proximat\$5)	US-PGPUB; USPAT	OR	ON	2005/05/14 16:13

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S34	8	S21 and array	US-PGPUB; USPAT	OR	ON	2005/05/14 16:47
S35	7	S21 and CMOS and CCD	US-PGPUB; USPAT	OR	ON	2005/05/14 16:47
S36	0	S21 and unobstructed	US-PGPUB; USPAT	OR	ON	2005/05/14 17:43
S37	0	S21 and obstruct\$5	US-PGPUB; USPAT	OR	ON	2005/05/14 17:58
S38	3	S21 and bright\$6	US-PGPUB; USPAT	OR	ON	2005/05/14 18:33
S39	7	S21 and (bright\$6 intensit\$5)	US-PGPUB; USPAT	OR	ON	2005/05/14 18:33
S40	5697	(photodetector (photo adj detector)) near2 array	US-PGPUB; USPAT	OR	ON	2005/05/16 10:52
S41	537	S40 same layer\$5	US-PGPUB; USPAT	OR	ON	2005/05/16 10:53
S42	52	S41 and (CCD and CMOS)	US-PGPUB; USPAT	OR	ON	2005/05/16 10:55
S43	11	S42 and ((neutral adj density) (interference adj filter) (gray adj filter) (variable adj filter))	US-PGPUB; USPAT	OR	ON	2005/05/16 10:54
S44	332	S40 and ((neutral adj density) (interference adj filter) (gray adj filter) (variable adj filter))	US-PGPUB; USPAT	OR	ON	2005/11/14 11:54
S45	64	S44 and (CCD and CMOS)	US-PGPUB; USPAT	OR	ON	2005/05/16 11:08
S46	3	((("0528990") or ("6278142"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/16 11:09
S47	2	((("5286990") or ("6278142"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/16 11:09
S48	6	((("6,395,576") or ("20020003201") or ("6,300,612") or ("5,864,146") or ("5,561,287") or ("4,945,242"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/14 11:27
S49	9	(US-20020003201-\$ or US-20020070365-\$ or US-20040056180-\$).did. or (US-4945242-\$ or US-5561287-\$ or US-5725975-\$ or US-5864146-\$ or US-6300612-\$ or US-6395576-\$). did.	US-PGPUB; USPAT	OR	ON	2005/11/14 11:53
S50	3	S49 and bright\$6	US-PGPUB; USPAT	OR	ON	2005/11/14 11:53
S51	6105	(photodetector (photo adj detector)) near2 array	US-PGPUB; USPAT	OR	ON	2005/11/14 11:54

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S52	95	S51 and (neutral adj density)	US-PGPUB; USPAT	OR	ON	2005/11/14 11:56
S53	567	(neutral same density same filter). clm.	US-PGPUB; USPAT	OR	ON	2005/11/14 13:20
S54	564	(neutral with density with filter).clm.	US-PGPUB; USPAT	OR	ON	2005/11/14 13:20
S55	32	S54 with detector	US-PGPUB; USPAT	OR	ON	2005/11/14 13:27
S56	6	S55 with wavelength	US-PGPUB; USPAT	OR	ON	2005/11/14 13:20
S57	11	S54 with detector	US-PGPUB	OR	ON	2005/11/14 13:27
S58	4	((("H,000,l01") or ("4,238,760"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 17:37
S59	0	("HI00001").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 17:38
S60	0	walker-clifford.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:38
S61	15065	clifford.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:38
S62	4	S61 and ultraviolet.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 17:38
S63	2	"7053998".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:31
S64	4527530	(stack\$5 lay\$5) ((photo adj detector adj array) pda)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:22

EAST Search History

S65	2	"20050151057".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:02
S66	2	S65 and cascade	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:13
S67	1913	charge adj detectors	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:13
S68	695	S64 and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:14
S69	3126	gain adj element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:14
S70	4	S68 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:18
S71	73422	bucket	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:18
S72	4810	charge adj q	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:19
S73	56	S71 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:19
S74	1	S70 and S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:20

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S75	273	bucket near charge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:20
S76	28	S67 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:20
S77	27	S64 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:20
S78	778537	(stack\$5) ((photo adj detector adj array) pda)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:23
S79	17	S76 and S78	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:21
S80	66	(stack\$5 lay\$5) near ((photo adj detector adj array) pda)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:22
S81	3	(stack\$5) near ((photo adj detector adj array) pda)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:22
S82	0	S81 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:22
S83	0	S76 and S80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:22
S84	0	S80 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 12:24

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S85	2	S80 and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 17:21
S86	4	((("7053809") or ("7045760")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 18:53
S87	5752	(250/207,214A,214R,394).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 18:54
S88	4742	(330/88,89,150,152,252,254,301, 311).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 18:55
S89	3428	(341/155).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 18:55
S90	550	(359/333).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 18:56
S91	297	charge adj shift adj register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 18:56
S92	11920	S87 or S88 or S89 or S90	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 19:02
S93	115231	shift adj register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 19:02

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S94	2027	bucket adj brigade	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 19:02
S95	116483	S91 or S93 or S94	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 19:03
S96	404	S92 and S95	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 19:06
S97	360530	(CCD (photo adj detector) CMOS (photo adj diode) (diode adj array) (detector adj array))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 19:07
S98	195	S96 and S97	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 19:14
S99	159	S96 and S97	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 19:14
S10 0	2	((("5965875") or ("6632701"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 19:54
S10 1	13	(US-20020003201-\$ or US-20020070365-\$ or US-20040056180-\$ or US-20050151057-\$).did. or (US-6395576-\$ or US-4945242-\$ or US-5864146-\$ or US-5725975-\$ or US-6300612-\$ or US-5561287-\$ or US-7053998-\$ or US-6498346-\$ or US-7053809-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/02 21:04
S10 2	2	S101 and impact adj ionization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 21:05

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S10 3	14	(US-20020003201-\$ or US-20020070365-\$ or US-20040056180-\$ or US-20050151057-\$).did. or (US-6395576-\$ or US-4945242-\$ or US-5864146-\$ or US-5725975-\$ or US-6300612-\$ or US-5561287-\$ or US-7053998-\$ or US-6498346-\$ or US-7053809-\$ or US-7045760-\$). did.	US-PGPUB; USPAT	OR	ON	2006/08/02 21:05
S10 4	3	S103 and impact adj ionization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 21:08
S10 5	3	minimized and S104	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 21:21
S10 6	232	altering near spectral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 21:21
S10 7	2	S103 and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 21:24
S10 8	3	brightness and S103	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 21:27
S10 9	35982	digital adj conversion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 21:27
S11 0	4	S103 and S109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 21:33
S11 1	3019	calculating with brightness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 21:33

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S11 2	1	S103 and S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 22:08
S11 3	17	((("4823129") or ("4238760") or ("6395576") or ("20020003201") or ("6300612") or ("5864146") or ("5561287") or ("4945242"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 22:10
S11 4	1	("H000101").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 22:11
S11 5	1312	(cascade\$3 stack\$3 layer\$3) adj detector	US-PGPUB; USPAT	OR	ON	2007/02/20 18:05
S11 6	283	S115 and gain	US-PGPUB; USPAT	OR	ON	2007/02/20 18:06
S11 7	17078	detector adj array	US-PGPUB; USPAT	OR	ON	2007/02/20 18:06
S11 8	87	S116 and S117	US-PGPUB; USPAT	OR	ON	2007/02/20 18:06
S11 9	1312	(cascade\$3 stack\$3 layer\$3) adj detector	US-PGPUB; USPAT	OR	ON	2007/02/21 14:03
S12 0	283	S119 and gain	US-PGPUB; USPAT	OR	ON	2007/02/21 14:03
S12 1	17078	detector adj array	US-PGPUB; USPAT	OR	ON	2007/02/21 14:03
S12 2	87	S120 and S121	US-PGPUB; USPAT	OR	ON	2007/02/21 14:03
S12 3	1314	(cascade\$3 stack\$3 layer\$3) adj detector	US-PGPUB; USPAT	OR	ON	2007/02/23 16:35
S12 4	283	S123 and gain	US-PGPUB; USPAT	OR	ON	2007/02/23 16:35
S12 5	17087	detector adj array	US-PGPUB; USPAT	OR	ON	2007/02/23 16:35
S12 6	87	S124 and S125	US-PGPUB; USPAT	OR	ON	2007/02/23 16:35